L Number	Hits	Search Text	DB	Time stamp
1	2401	((502/80,81,83,85,439) or (585/275)).CCLS.	USPAT;	2004/07/26 06:32
-	2.01	(((000),000,000,100),000,000	US-PGPUB	
2	229	montmorillonite with layer\$3 with	USPAT;	2004/07/26 06:29
_		structure	US-PGPUB	
3	305	montmorillonite with layer\$3 with	USPAT;	2004/07/26 06:29
		structure	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
4	2798	((502/80,81,83,85,439,263) or	USPAT;	2004/07/26 06:32
		(585/275)).CCLS.	US-PGPUB	
-	1921	(502/80,81,83,85,439).CCLS.	USPAT;	2004/07/26 06:28
			US-PGPUB	
-	237	((502/80,81,83,85,439).CCLS.) and	USPAT;	2003/01/31 14:59
		montmorillonite	US-PGPUB	
-	32	(((502/80,81,83,85,439).CCLS.) and	USPAT;	2003/01/31 15:00
		montmorillonite) and (dealumin\$4 or	US-PGPUB	
		"de-alumin"\$4 or "de alumin"\$4 or (without		
		near4 alumin\$4))		
-	52	(((502/80,81,83,85,439).CCLS.) and	USPAT;	2003/01/31 15:27
		montmorillonite) and (dealumin\$4 or	US-PGPUB	
		"de-alumin"\$4 or "de alumin"\$4 or		
		((remov\$3 or without) near4 alumin\$4))		
-	52	(((502/80,81,83,85,439).CCLS.) and	USPAT;	2003/01/31 15:27
		montmorillonite) and (dealumin\$4 or	US-PGPUB	
		"de-alumin"\$4 or "de alumin"\$4 or		
		((remov\$3 or without) near4 alumin\$4))		
-	16	((((502/80,81,83,85,439).CCLS.) and	USPAT;	2003/02/02 17:02
		montmorillonite) and (dealumin\$4 or	US-PGPUB	
		"de-alumin"\$4 or "de alumin"\$4 or		
		((remov\$3 or without) near4 alumin\$4)))		
	0	and (phosphoric or "h.sub.3 po.sub.4")		
-	2	(((((502/80,81,83,85,439).CCLS.) and	USPAT;	2003/02/02 17:13
		montmorillonite) and (dealumin\$4 or	US-PGPUB	
		"de-alumin"\$4 or "de alumin"\$4 or		
		((remov\$3 or without) near4 alumin\$4)))		
		and (phosphoric or "h.sub.3 po.sub.4"))		
		and (phosphoric or "h.sub.3 po.sub.4") with impregnat\$4		
_	16	((((502/80,81,83,85,439).CCLS.) and	USPAT;	2003/02/02 17:42
	10	montmorillonite) and (dealumin\$4 or	US-PGPUB	2003/02/02 17:42
		"de-alumin"\$4 or "de alumin"\$4 or	US-FGFUB	
		((remov\$3 or without) near4 alumin\$4)))		
		and (phosphoric or "h.sub.3 po.sub.4")		
_	8	(((((502/80,81,83,85,439).CCLS.) and	USPAT;	2003/02/02 17:45
	0	montmorillonite) and (dealumin\$4 or	US-PGPUB	2003/02/02 17.45
		"de-alumin"\$4 or "de alumin"\$4 or	OB TOTOB	
		((remov\$3 or without) near4 alumin\$4)))		
		and (phosphoric or "h.sub.3 po.sub.4"))		
İ		and ((alumin\$2 or "al.sub.2 o.sub.3") with		
		(less or below))		
-	2	(((((502/80,81,83,85,439).CCLS.) and	USPAT;	2003/02/02 17:20
	_	montmorillonite) and (dealumin\$4 or	US-PGPUB	
		"de-alumin"\$4 or "de alumin"\$4 or		
		((remov\$3 or without) near4 alumin\$4)))		
ł		and (phosphoric or "h.sub.3 po.sub.4"))		
}		and (phosphoric or "h.sub.3 po.sub.4")		
		with impregnat\$4		
_	996	phyllosilicate	USPAT;	2003/02/02 17:22
			US-PGPUB	
-	1921	(502/80,81,83,85,439).CCLS.	USPAT;	2003/02/02 17:22
İ			US-PGPUB	
-	30	phyllosilicate and	USPAT;	2003/02/02 17:22
1		((502/80,81,83,85,439).CCLS.)	US-PGPUB	
-	2	(phyllosilicate and	USPAT;	2003/02/02 17:22
ĺ	İ	((502/80,81,83,85,439).CCLS.)) and	US-PGPUB	
		(((((502/80,81,83,85,439).CCLS.) and		
ļ		montmorillonite) and (dealumin\$4 or		
		"de-alumin"\$4 or "de alumin"\$4 or		
	1			
İ		((remov\$3 or without) near4 alumin\$4)))		•

_	0	phyllosilicate adj are	USPAT; US-PGPUB	2003/02/02 17:24
-	23	phyllosilicate adj contain	USPAT; US-PGPUB	2003/02/02 17:23
-	5	called adj phyllosilicate	USPAT; US-PGPUB	2003/02/02 17:23
-	983	montmorillonite with layer\$3	USPAT; US-PGPUB	2003/02/02 17:24
-	183	montmorillonite with layer\$3 with structure	USPAT;	2004/07/26 06:29
-	8	((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or	US-PGPUB USPAT; US-PGPUB	2003/02/02 17:47
-	4	"de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) and ((alumin\$2 or "al.sub.2 o.sub.3") with (less or below))) and (phosphoric or "h.sub.3 po.sub.4") ((((((502/80,81,83,85,439).CCLS.)) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4"))	USPAT; US-PGPUB	2003/02/02 17:47
-	0	and (phosphoric or "n.sub.3 po.sub.4") and ((alumin\$2 or "al.sub.2 o.sub.3") with (less or below))) and (phosphoric or "h.sub.3 po.sub.4")) and impregnat\$4 (((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) and ((alumin\$2 or "al.sub.2 o.sub.3") with (less or below))) and (phosphoric or "h.sub.3 po.sub.4")) and impregnat\$4) and (phosphoric or "h.sub.3 po.sub.4") same	USPAT; US-PGPUB	2003/02/02 17:31
<u> </u>	24	impregnat\$4 ((((502/80,81,83,85,439).CCLS.) and	USPAT;	2003/02/02 20:09
_	8	montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4") ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or	US-PGPUB USPAT; US-PGPUB	2003/02/02 17:46
		"de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4"))		
	0	((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) and ((alumin\$2 or "al.sub.2 o.sub.3") with (less or below))) and (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de-alu	USPAT; US-PGPUB	2003/02/02 17:45
		<pre>((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")))</pre>		

Page 2

montmorillonite  and ((alumin\$2 near3 free) or "alumin*4 or "de-alumin*54 or "de alumin*54 or "(de-alumin*54 or "de alumin*54 or "(de-alumin*54 or "de alumin*54 or "(de-alumin*54 or "de-alumin*54 or "de-alumin*54 or "de-alumin*65 ener3 free) or "aluminum-free" or dealumin*64 or "de-alumin*64			<u> </u>		
free) or "aluminum-free" or dealumin%4 or "de-alumin%4 or "(clemov\$3 or without) near4 alumin%4); and (phosphoric or "h.sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CULS.) and montmorillonite) and (dealumin%4 or "de-alumin%4 or "de-a	-	7	((((((502/80,81,83,85,439).CCLS.) and	USPAT;	2003/02/02 20:07
""de-alumin"34 or "de alumin"34 or ((remov\$3 or without) neard alumin\$41)) and (phosphoric or "h. sub.3 po.sub.4")) not ((((1502/80,81,83,85,439), CCLS.) and montmorillonite) and (dealumin\$4 or (dealumin"54 or (remov\$3 or without) neard alumin\$4))) and (phosphoric or "h. sub.3 po.sub.4")) and (impregnate) and ((alumin\$4 or "dealumin"54 or "dealumin"54 or "dealumin"54 or (remov\$3 or without) neard alumin\$4				US-PGPUB	}
((remov\$3 or without) near4 alumin\$4)) and (phosphoric or "h.sub.3 po.sub.4")) not ((((i502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin*4 or "de alumin\$4")) and (phosphoric or "h.sub.3 po.sub.4"))) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4") not ((((i502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "alumin*4 or "de alumin*4 or "((remov\$3 or without) near4 alumin\$4)) and (phosphoric or "h.sub.3 po.sub.4") not ((((i502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin*3 or "de alumin\$4 or "de-alumin*3 or "de alumin\$4 or "(((i502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "((i502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "((i502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "(c(502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "((i502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "((i(i502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "((i(i502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "((i(i502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "((i(i502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "((i(i502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "(i(i602/80,81,83,85,439).CCLS.) and montmorillonite) and (ialumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "(ialuminum-free" or dealumin					
and (phosphoric or "h.sub.3 po.sub.4") not ((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin84 or "de-alumin*34 or (((remov83) or withouth near4 alumin84))) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (impregnat84 and ((alumi82 near3 montmorillonite) and (alumi82 near3 montmorillonite) and ((alumi84 near3 montmorillonite) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4") and (phosphoric or "h.sub.3 po.sub.4") with impregnat84 and ((alumi84 near3 free) or "alumins4 or "(remov83 or withouth near4 alumin84)) and (phosphoric or "h.sub.3 po.sub.4")) and (ph					
not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin*3" or "de alumin*3"					
montmorillonite) and (dealumin\$4 or "de-alumin\$4") and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.su					
"" "" "" "" "" "" "" "" "" "" "" "" ""	[				
((remov\$3 or without) near4 alumin\$4))    and (phosphoric or "h.sub.3 po.sub.4"))    and impregnat\$4			· · · · · · · · · · · · · · · · · · ·		
and (phosphoric or "h.sub.3 po.sub.4")) and impregnats4  0 (((((((502/80,81,83,85,439).CCLS.) and montnorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "(de-alumin*4 or "de alumin*4 or "((remov\$3 or without) near4 alumin\$4)) and (phosphoric or "h.sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CCLS.) and montnorillonite) and (dealumin\$4 or "de-alumin*4 o					
and impregnats 0 (((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumins2 near3 free) or "aluminum—free" or dealumins4 or "de-alumin"34 or "de alumins4 or "de-alumin"34 or "de alumins4 or "de-alumin"34 or "de alumins4 or "de-alumin"34 or "de-alumins4 or "de-alumins4 or "de-alumins4 or "de-alumins4 or "de-alumins4 or "de-alumins4 or "de-alumins4 or "de-alumins4 or "de-alumins4 or "de-alumins4 or "de-alumins4 or "de-alumins5 or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")  - 0 ((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumins2 near3 free) or "aluminum-free" or dealumins4 or "de-alumins4 or "de-alumins5 or "de-alumins					i
0   (((((((((((((((((((((((((((((((((					
free) or "aluminum-free" or dealumin\$4 or "do-alumin"34 or "de alumin"34 or "de alumin\$4]) and (phosphoric or "h.sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"4 or "de-alumin"54 or "dealumin"54 or "dealumin"54 or "dealumin"54 or "dealumin"54 or "de-alumin"54 or "dealumin"54 or "de-alumin"54 near de-alumins52 or "de-alumins52 or "de-alumins52 or "de-alumins52 or "de-alumins54 or "de-alu	}				0000 (00 (00 10 10
free) or "aluminum-free" or dealumins4 or "de-alumins4 or "de-alumins4 or "de alumins54))   and (phosphoric or "h. sub.3 po. sub.4"))   not (((((502/80,81,83,85,439), CCLS.) and montmorillonite) and (dealumins4 or "de-alumins4))   and (phosphoric or "h. sub.3 po. sub.4"))   and (phosphoric or "h. sub.3 po. sub.4"))   and (phosphoric or "h. sub.3 po. sub.4")   with impregnats4   ((((((502/80,81,83,85,439), CCLS.) and montmorillonite) and ((alumins2 near3 free) or "aluminum-free" or dealumins4 or "de-alumins4" or "de-alumins4" or "de-alumins54 or "de-alumins54 or "de-alumins54 or "de-alumins54 or "de-alumins54 or "de-alumins64	_	0		1 '	2003/02/02 17:47
"de-alumin"\$4 or "de alumin\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4") with impregnat\$4  0 (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4") not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4") see impregnat\$4  7 (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4"))				US-PGPUB	
((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h. sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CCLS.) and montmocillonite) and (dealumin\$4 or (remov\$3 or without) near4 alumin\$4)) and (phosphoric or "h. sub.3 po.sub.4")) and (phosphoric or "h. sub.3 po.sub.4")) and (phosphoric or "h. sub.3 po.sub.4")) and (phosphoric or "h. sub.3 po.sub.4")) with impregnat\$4  (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h. sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or "de-alumin"\$4 or "de-alumin\$4 or					
and (phosphoric or "h.sub.3 po.sub.4")) not ((((502/80,81,83,54,39).CCLS.) and montmorillonite) and (dealumin\$4 or    "de-alumin"\$4 or "de alumin"\$4 or    ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4") with impregnat\$4  0 (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or    ((remov\$3 or without) near4 alumin\$4)) and (phosphoric or "h.sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or    ((remov\$3 or without) near4 alumin\$4)) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")  - "de-alumin"\$4 or "de alumin"\$4 or    "((remov\$3 or without) near4 alumin\$4)) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or    "de-alumin"\$4 or "de alumin"\$4 or    "(remov\$3 or without) near4 alumin\$4)) and (phosphoric or "h.sub.3 po.sub.4") and (phosphoric or "h.sub.3 po.sub.4") and					
not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin's4 or "de-alumin's4 or "de-alumin's4 or "((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4") with impregnat\$4 ((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "(remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4") not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "(remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) and					
montmorillonite  and (dealumin\$4 or "de-alumin*84 or "de-alumin*84 or "de alumin*84 or "dealumin*84"))   and (phosphoric or "h.sub.3 po.sub.4"))   and (phosphoric or "h.sub.3 po.sub.4")   with impregnat\$4   (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near\$ free) or "aluminum-free" or dealumin\$4 or "((remov\$3 or without) near4 alumin\$4)))   and (phosphoric or "h.sub.3 po.sub.4"))   not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin*4 or "((remov\$3 or without) near4 alumin\$4]))   and (phosphoric or "h.sub.3 po.sub.4")   and (phosphoric or "h.sub.3 po.sub.4")   and (phosphoric or "h.sub.3 po.sub.4")   same impregnat\$4   ((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near\$ free) or "aluminum-free" or dealumin*4 or "(remov\$3 or without) near4 alumin\$4]))   and (phosphoric or "h.sub.3 po.sub.4"))   not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin*4 or "de-alumin*4 or "de-alumin*4 or "de-alumin*5 or "h.sub.3 po.sub.4"))   and (phosphoric or "h.sub					
"de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4") with impregnat\$4  0 ((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or "de alumin\$4])) and (phosphoric or "h.sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or "de-alumin"\$4 or "de-alumin\$4")) and (phosphoric or "h.sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin\$4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub					
((remov33 or without) near4 alumins4))) and (phosphoric or "h.sub.3 po.sub.4") with impregnats4  ((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or ((remov\$3 or without) near4 alumin\$4)) and (phosphoric or "h.sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$4 or "de-alumin*4 or "de-alumin*4 or "de-alumin*4 or "de-alumin*5 or "					
and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4") with impregnats4  ((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum=free" or dealumin\$4 or "de-alumin*34 or "de alumin*34 or "de-alumin*34 or "de alumin*34 or "de-alumin*34 or "de alumin*34 or "de alumin*34 or "de-alumin*34 r "de-alumin*4 or "de-alumin*34					,
and (phosphoric or "h.sub.3 po.sub.4") with impregnat54  (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin*34 or "de alumin*4 or ((remov\$3 or without) near4 alumin\$4)) and (phosphoric or "h.sub.3 po.sub.4"))					
with impregnats4   0 (((((((502/80,81,83,85,439).CCLS.)) and montmorillonite) and ((alumins2 near3 free) or "aluminum-free" or dealumin\$4 or "((remov\$3 or without) near4 alumin\$4())) and (phosphoric or "h. sub.3 po. sub.4")) not (((((502/80,81,83,85,439).CCLS.)) and montmorillonite) and (dealumin\$4 or "((remov\$3 or without) near4 alumin\$4())) and (phosphoric or "h. sub.3 po. sub.4")) and (phosphoric or "h. sub.3 po. sub.4")) and (phosphoric or "h. sub.3 po. sub.4")) and (phosphoric or "h. sub.3 po. sub.4")) and (phosphoric or "h. sub.3 po. sub.4")) and (phosphoric or "h. sub.3 po. sub.4")) and (phosphoric or "h. sub.3 po. sub.4")) and (phosphoric or "h. sub.3 po. sub.4")) and (phosphoric or "h. sub.3 po. sub.4")) and (phosphoric or "h. sub.3 po. sub.4")) and (phosphoric or "h. sub.3 po. sub.4")) not (((((502/80,81,83,85,439).CCLS.)) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or "de-alumin"\$4 or "de-alumin\$4 or "de-alumin\$5 or without) near4 alumin\$4 or "de-alumin\$6 or "h. sub.3 po. sub.4")) and (phosphoric or "h. sub.3 po. sub.4")) an		1 .			
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montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin\$4 or "de-alumin\$4 or "de-alumin\$4 or "de-alumin\$4 or "de-alumin\$4 or "de-alumin\$4 or "h. sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin\$4	_		1 2 1	HODAM.	2002/02/02 17 17
free) or "aluminum-free" or dealumin\$4 or     "de-alumin"\$4 or "de alumin"\$4 or     ((remov\$3 or without) near4 alumin\$4)))     and (phosphoric or "h. sub.3 po.sub.4"))     not ((((502/80,81,83,85,439).CCLS.) and     montmorillonite) and (dealumin\$4 or     "de-alumin"\$4 or "de alumin"\$4 or     ((remov\$3 or without) near4 alumin\$4)))     and (phosphoric or "h. sub.3 po.sub.4"))     same impregnat\$4     ((((((502/80,81,83,85,439).CCLS.) and     montmorillonite) and ((alumin\$2 near3     free) or "aluminum-free" or dealumin\$4 or     ((remov\$3 or without) near4 alumin\$4))     and (phosphoric or "h. sub.3 po.sub.4"))     and (phosphoric or "h. sub.3				1	2003/02/02 17:47
"de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4)) and (phosphoric or "h.sub.3 po.sub.4")) not ((((\$502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or "de-alumin"\$4 or "de alumin"\$4 or "de alumin"\$4 or "de-alumin"\$4 or "Us-PGPUB"  - 244 ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "n.sub.2 or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4") and (phosphoric or "n.sub.3 po.sub.4")) and (phosphoric or "n.sub.3 po.sub.4") and (phosphoric or "n.sub.3 po.sub.4") and (phosphoric or "n.sub.3 po.sub.4") and (phosphoric or "n.sub.3 po.sub.4") and (phosphoric or "n.sub.3 po.sub.4") and (phosphoric or "n				US-PGPUB	
((remov\$3 or without) near4 alumin\$4()) and (phosphoric or "h.sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4())) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4") same impregnat\$4  7 (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or ((remov\$3 or without) near4 alumin\$4())) and (phosphoric or "h.sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4())) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4())) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")  or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))  and (phosphoric or "h.sub.3 po.sub.4") and (phosphoric or "h.sub.3 po.sub.4") and (phosphoric or "h.sub.3 po.sub.4") and (phosphoric or "h.sub.3 po.sub.4") and (phosphoric or "h.sub.3 po.sub.4") and (phosphoric or "h.sub.3 po.sub.4") and (phosphoric or		}			
and (phosphoric or "h.sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) same impregnat\$4  7 (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or ((focw/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) and impregnat\$4  0 ((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or ((remov\$3 or without) near4 alumin\$4 or ("de-alumin"\$4 or "de-alumin\$4 or ("de-a					
not ((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4") same impregnat\$4   77 ((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin"\$4 or "de-alumin*4 or "de-alumin\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin*4 or "de-alumin*4 or "de-alumin*54 or "de-alumin*54 or "de-alumin\$4 or "d			and (phosphoric or "h sub 3 po sub 4"))		
montmorillonite) and (dealumin\$4 or    "de-alumin*\$4 or "de alumin*\$4 or    ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4") same impregnat\$4  7 ((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or    "de-alumin*94 or "de alumin*40)) and (phosphoric or "h.sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or    "de-alumin*40 or "de alumin*40 or    "de-alumin*40 or "de alumin*40)) and impregnat\$4  0 (((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or    "de-alumin*40 or "de alumin*40 or    "de-alumin*40 or "de alumin*40)) and (phosphoric or "h.sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or    "de-alumin*40 or "de alumin*40 or    "de-alumin*40 or "de alumin*40 or    "de-alumin*40 or "de-alumin*40 or    "de-alumin*40 or "de-alumin*40 or    "de-alumin*40 or "de-alumin*40 or    "de-alumin*50 or "h.sub.3 po.sub.4")) and impregnat\$4) and (water or "h.sub.2    o") with (wash\$4 or rins\$4)    ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or    "de-alumin*50 or "h.sub.3 po.sub.4")) and impregnat\$4) and (water or "h.sub.2    o") with (wash\$4 or rins\$4)    ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or    "de-alumin*50 or "de-alumin*50 or    "de-alumin*50 or "de-alumin*50 or    "de-alumin*50 or "de-alumin*50 or    "de-alumin*50 or "de-alumin*50 or    "de-alumin*50 or "de-alumin*50 or    "de-alumin*50 or "de-alumin*50 or    "de-alumin*50 or "de-alumin*50 or    "de-alumin*50 or "de-alumin*50 or    "de-alumin*50 or "de-alumin*50 or    "de-alumin*50 or "de-alumin*50 or    "de-alumin*50 or "de-alumin*50 or    "de-alumin*50 or "de-alumin*50 or    "de-alumin*50 or "de-alumin*50 or    "de-alumin*50 or "de-alumin*50 or					
"de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4") same impregnat\$4 (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin"\$4 or "de alumin\$4 or "de-alumin\$4 o					
((remov\$3 or without) near4 alumin\$4)))		ļ			
and (phosphoric or "h.sub.3 po.sub.4")) and (phosphoric or "h.sub.3 po.sub.4") same impregnat\$4  ((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or "de-alumin"\$4 or "de alumin"\$4 or "de-alumin"\$4 or "de alumin\$4 or "de-alumin"\$4 or "de-alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin"\$4 or "de-alumin\$4		i	l ·		
and (phosphoric or "h.sub.3 po.sub.4") same impregnat\$4 (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin\$4 or "(remov\$3 or without) near4 alumin\$4)) and (phosphoric or "h.sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin\$4 or "de-al					
Same impregnat\$4	Ĭ				
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montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin"\$4 or "(remov\$3 or without) near4 alumin\$4))		7		HCDAT.	2002/02/02 20:00
free) or "aluminum-free" or dealumin\$4 or "de-alumin*\$4 or "de alumin*\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) not (((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin*\$4 or "de alumin*\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4"))) and impregnat\$4  0 ((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin*\$4 or "de alumin*\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin*\$4 or "de alumin*\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4"))) and impregnat\$4) and (water or "h.sub.2 o") with (wash\$4 or rins\$4)  244 ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin"\$4 or "de alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or ((remov\$3 or without) near4 alumin\$4 or ((remov\$3 or without) near4 alumin\$4 or ((remov\$3 or without) near4 alumin\$4 or		,		1 '	2003/02/02 20:08
"de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) and impregnat\$4  0 (((((((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) not ((((502/80,81,83,85,439).CCLS.) and montmorillonite) and (dealumin\$4 or "de-alumin"\$4 or "de alumin"\$4 or ((remov\$3 or without) near4 alumin\$4))) and (phosphoric or "h.sub.3 po.sub.4")) and impregnat\$4) and (water or "h.sub.2 o") with (wash\$4 or rins\$4)  24 (((502/80,81,83,85,439).CCLS.) and montmorillonite) and ((alumin\$2 near3 free) or "aluminum-free" or dealumin\$4 or "de-alumin"\$4 or "de alumin\$4 or ((remov\$3 or without) near4 alumin\$4))	-		, , , , , , , , , , , , , , , , , , , ,	US-FGFUB	
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